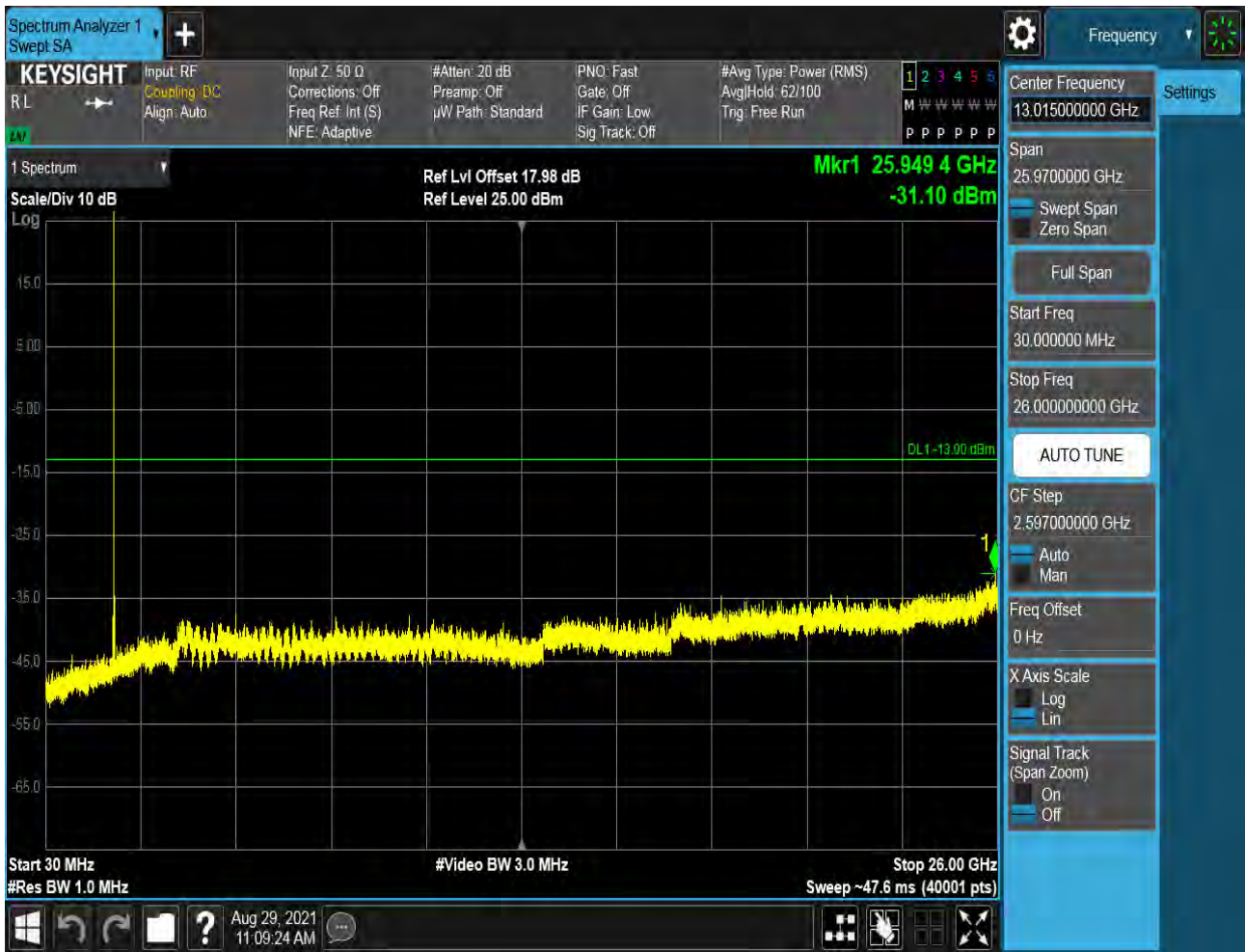


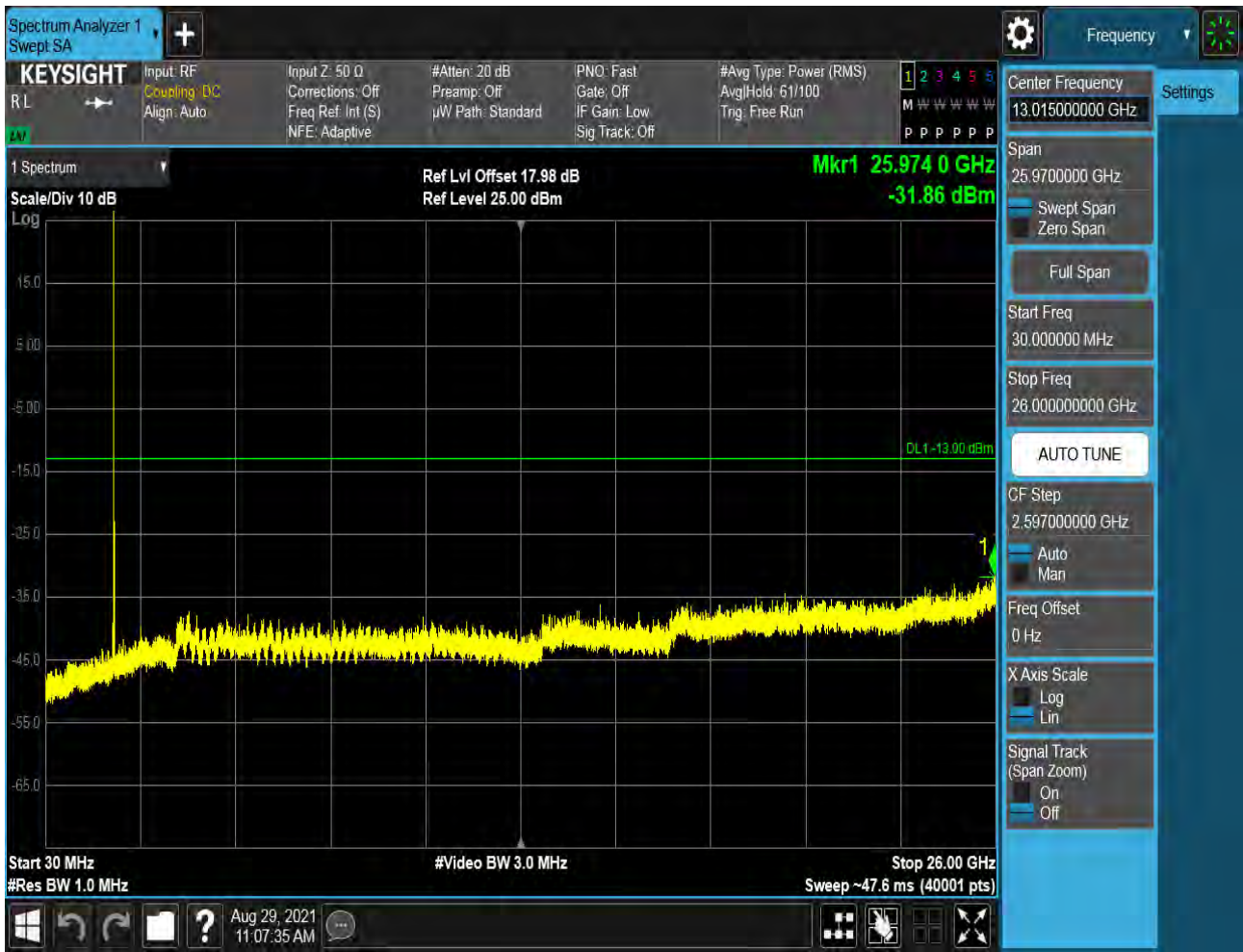


6.2.1.2.6.3 Test Channel = HCH

6.2.1.2.6.3.1 Test RB = RB1#0







7Appendix_G: Field Strength of Spurious Radiation

Note 1: We tested all modes & antennas, the data presented below is the worst case.

Note 2: For Below 30MHz, the data presented below is the worst case for all Channel Bandwidth.

9kHz~150kHz, RBW = 200Hz, VBW = 600 Hz, Detector: PK

150kHz~30MHz, RBW = 9kHz, VBW = 30k Hz, Detector: PK

30MHz~1GHz, RBW = 100 kHz, VBW = 300 kHz. Detector: PK

Above 1GHz, RBW = 1 MHz, VBW = 3 MHz. Detector: PK

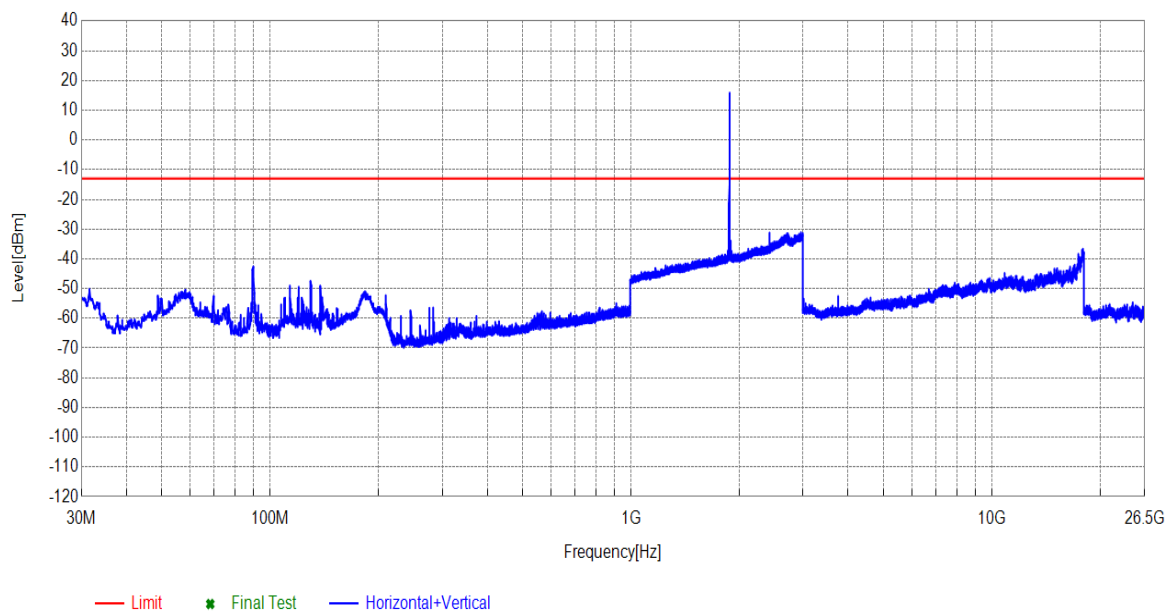
Part I - Test Plots

7.1 For LTE

7.1.1 Test Band = Band2

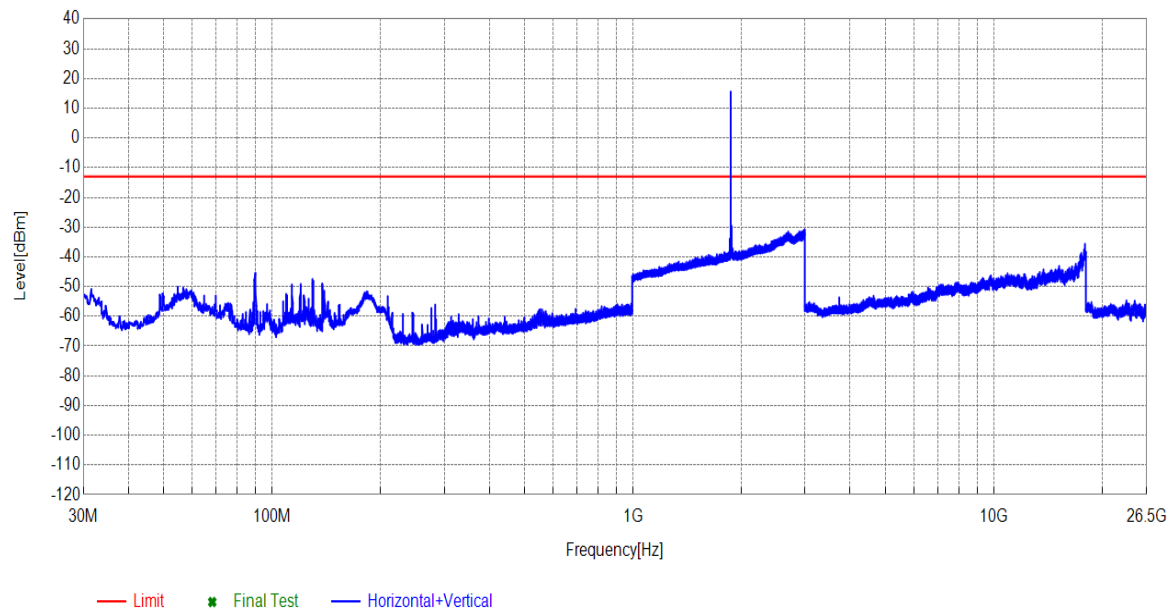
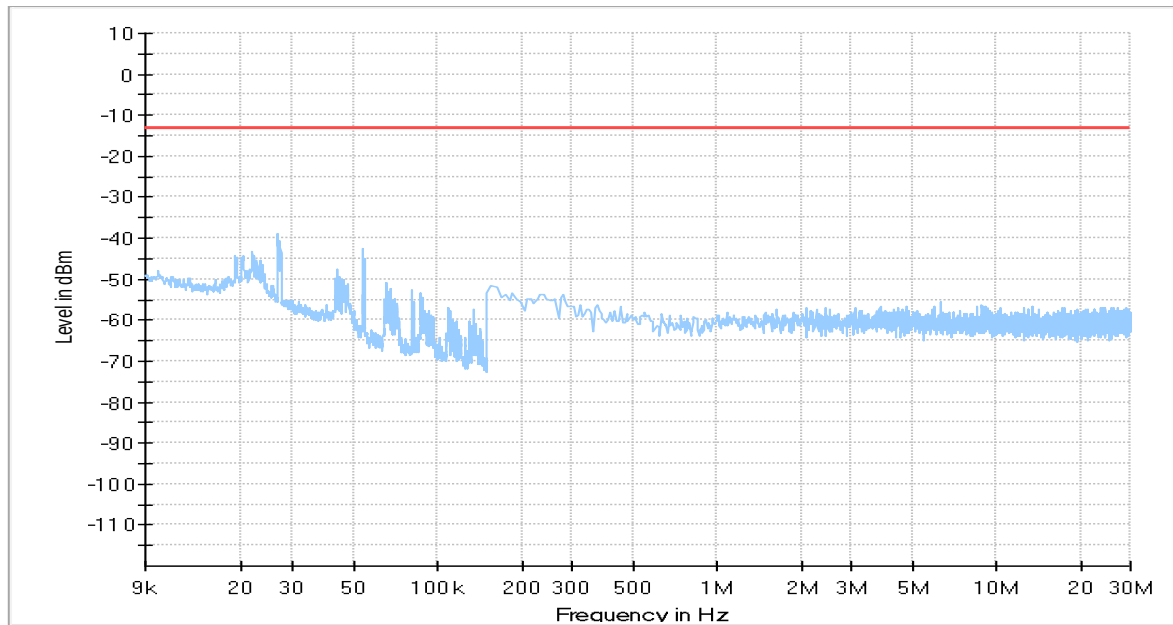
7.1.1.1 Test Bandwidth = 1.4

Worst case



7.1.1.2 Test Bandwidth = 20

Worst case



8Appendix_H: Frequency Stability

8.1 For LTE

8.1.1Frequency Error vs. Voltage:

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
Band2	LTE/TM1	1.4	LCH	TN	VL	4.84131	0.00262	PASS
					VN	3.14602	0.00170	PASS
					VH	-4.10935	-0.00222	PASS
			MCH	TN	VL	-11.50733	-0.00612	PASS
					VN	14.66534	0.00780	PASS
					VH	-5.51771	-0.00293	PASS
			HCH	TN	VL	-16.38891	-0.00858	PASS
					VN	0.37229	0.00019	PASS
					VH	-27.39414	-0.01435	PASS
		3	LCH	TN	VL	5.56290	0.00300	PASS
					VN	-0.24197	-0.00013	PASS
					VH	-8.58773	-0.00464	PASS
			MCH	TN	VL	-1.51101	-0.00080	PASS
					VN	-9.83129	-0.00523	PASS
					VH	-0.21347	-0.00011	PASS
			HCH	TN	VL	5.62475	0.00295	PASS
					VN	-7.87834	-0.00413	PASS
					VH	6.64042	0.00348	PASS
		5	LCH	TN	VL	6.82528	0.00368	PASS
					VN	9.26158	0.00500	PASS
					VH	4.95075	0.00267	PASS
			MCH	TN	VL	-5.19355	-0.00276	PASS
					VN	-0.49367	-0.00026	PASS
					VH	3.66404	0.00195	PASS
			HCH	TN	VL	-0.26261	-0.00014	PASS
					VN	3.19043	0.00167	PASS
					VH	3.94084	0.00207	PASS
		10	LCH	TN	VL	2.67843	0.00144	PASS
					VN	2.18636	0.00118	PASS
					VH	-2.72412	-0.00147	PASS
			MCH	TN	VL	2.39144	0.00127	PASS
					VN	7.28947	0.00388	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
			HCH	TN	VH	8.00889	0.00426	PASS
					VL	-0.35802	-0.00019	PASS
					VN	4.61225	0.00242	PASS
					VH	3.83884	0.00202	PASS
		15	LCH	TN	VL	-1.35603	-0.00073	PASS
					VN	1.72204	0.00093	PASS
					VH	2.71066	0.00146	PASS
			MCH	TN	VL	0.59499	0.00032	PASS
					VN	2.32375	0.00124	PASS
					VH	2.73377	0.00145	PASS
			HCH	TN	VL	2.09692	0.00110	PASS
					VN	0.39088	0.00021	PASS
					VH	-1.35383	-0.00071	PASS
		20	LCH	TN	VL	1.37845	0.00074	PASS
					VN	1.53664	0.00083	PASS
					VH	-1.74527	-0.00094	PASS
			MCH	TN	VL	2.14387	0.00114	PASS
					VN	-5.24242	-0.00279	PASS
					VH	-2.68723	-0.00143	PASS
			HCH	TN	VL	2.18092	0.00115	PASS
					VN	3.85689	0.00203	PASS
					VH	-1.02706	-0.00054	PASS
	LTE/TM2	1.4	LCH	TN	VL	-10.50794	-0.00568	PASS
					VN	1.34736	0.00073	PASS
					VH	11.24389	0.00608	PASS
			MCH	TN	VL	1.37108	0.00073	PASS
					VN	17.38149	0.00925	PASS
					VH	-10.12100	-0.00538	PASS
			HCH	TN	VL	-11.23679	-0.00589	PASS
					VN	-16.45797	-0.00862	PASS
					VH	-46.69623	-0.02446	PASS
		3	LCH	TN	VL	5.13523	0.00277	PASS
					VN	3.85304	0.00208	PASS
					VH	12.60110	0.00681	PASS
			MCH	TN	VL	-3.28842	-0.00175	PASS
					VN	-3.27731	-0.00174	PASS
					VH	-3.30072	-0.00176	PASS
			HCH	TN	VL	-6.86701	-0.00360	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					VN	14.28417	0.00748	PASS
					VH	0.72382	0.00038	PASS
		5	LCH	TN	VL	-0.38343	-0.00021	PASS
					VN	4.38527	0.00237	PASS
					VH	1.84928	0.00100	PASS
			MCH	TN	VL	7.54334	0.00401	PASS
					VN	-1.54759	-0.00082	PASS
					VH	7.28925	0.00388	PASS
			HCH	TN	VL	2.86804	0.00150	PASS
					VN	-4.10437	-0.00215	PASS
					VH	8.83388	0.00463	PASS
		10	LCH	TN	VL	-2.86603	-0.00155	PASS
					VN	-0.84210	-0.00045	PASS
					VH	-2.56955	-0.00139	PASS
			MCH	TN	VL	-2.44764	-0.00130	PASS
					VN	3.85671	0.00205	PASS
					VH	0.11264	0.00006	PASS
			HCH	TN	VL	11.34592	0.00596	PASS
					VN	-5.60562	-0.00294	PASS
					VH	-0.20226	-0.00011	PASS
		15	LCH	TN	VL	1.41508	0.00076	PASS
					VN	4.37164	0.00235	PASS
					VH	-1.81844	-0.00098	PASS
			MCH	TN	VL	-0.90232	-0.00048	PASS
					VN	-3.61891	-0.00192	PASS
					VH	2.90095	0.00154	PASS
			HCH	TN	VL	0.84695	0.00045	PASS
					VN	-5.75607	-0.00303	PASS
					VH	5.30149	0.00279	PASS
		20	LCH	TN	VL	-3.19638	-0.00172	PASS
					VN	-6.82643	-0.00367	PASS
					VH	1.78374	0.00096	PASS
			MCH	TN	VL	3.48067	0.00185	PASS
					VN	1.11716	0.00059	PASS
					VH	-2.52538	-0.00134	PASS
			HCH	TN	VL	1.52760	0.00080	PASS
					VN	0.56585	0.00030	PASS
					VH	-0.39093	-0.00021	PASS

8.1.2 Frequency Error vs. Temperature:

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
Band2	LTE/TM1	1.4	LCH	VN	-30	6.85027	0.00370	PASS
					-20	2.39721	0.00130	PASS
					-10	-11.05369	-0.00597	PASS
					0	4.48848	0.00243	PASS
					10	5.06218	0.00274	PASS
					20	3.14602	0.00170	PASS
					30	-5.78290	-0.00312	PASS
					40	-3.46245	-0.00187	PASS
					50	1.30552	0.00071	PASS
			MCH	VN	-30	1.10977	0.00059	PASS
					-20	8.35437	0.00444	PASS
					-10	0.80172	0.00043	PASS
					0	-17.29644	-0.00920	PASS
					10	20.45268	0.01088	PASS
					20	14.66534	0.00780	PASS
					30	9.16570	0.00488	PASS
					40	-11.17814	-0.00595	PASS
					50	11.59952	0.00617	PASS
			HCH	VN	-30	-3.33377	-0.00175	PASS
					-20	-3.26082	-0.00171	PASS
					-10	-23.07940	-0.01209	PASS
					0	-6.39975	-0.00335	PASS
					10	18.09186	0.00948	PASS
					20	0.37229	0.00019	PASS
					30	-19.62268	-0.01028	PASS
					40	20.80957	0.01090	PASS
					50	6.74645	0.00353	PASS
		3	LCH	VN	-30	3.38149	0.00183	PASS
					-20	5.51722	0.00298	PASS
					-10	-2.05773	-0.00111	PASS
					0	-4.73279	-0.00256	PASS
					10	1.92463	0.00104	PASS
					20	-0.24197	-0.00013	PASS
					30	-0.01248	-0.00001	PASS
					40	1.68452	0.00091	PASS
					50	2.73457	0.00148	PASS
			MCH	VN	-30	3.32757	0.00177	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					-20	9.09693	0.00484	PASS
					-10	3.13724	0.00167	PASS
					0	-5.11627	-0.00272	PASS
					10	12.79102	0.00680	PASS
					20	-9.83129	-0.00523	PASS
					30	4.53946	0.00241	PASS
					40	-21.06487	-0.01120	PASS
					50	5.95481	0.00317	PASS
			HCH	VN	-30	11.50802	0.00603	PASS
					-20	8.58190	0.00450	PASS
					-10	-5.21316	-0.00273	PASS
					0	11.02095	0.00577	PASS
					10	5.27809	0.00277	PASS
					20	-7.87834	-0.00413	PASS
					30	-7.81900	-0.00410	PASS
					40	6.66810	0.00349	PASS
					50	2.70407	0.00142	PASS
		5	LCH	VN	-30	5.36266	0.00289	PASS
					-20	2.35787	0.00127	PASS
					-10	-7.61713	-0.00411	PASS
					0	2.50687	0.00135	PASS
					10	1.79459	0.00097	PASS
					20	9.26158	0.00500	PASS
					30	-1.32695	-0.00072	PASS
					40	0.97116	0.00052	PASS
					50	5.03910	0.00272	PASS
			MCH	VN	-30	2.42247	0.00129	PASS
					-20	-13.16190	-0.00700	PASS
					-10	-4.38450	-0.00233	PASS
					0	3.78322	0.00201	PASS
					10	19.88751	0.01058	PASS
					20	-0.49367	-0.00026	PASS
					30	-1.36387	-0.00073	PASS
					40	-8.14342	-0.00433	PASS
					50	3.98165	0.00212	PASS
			HCH	VN	-30	5.86280	0.00307	PASS
					-20	-1.25683	-0.00066	PASS
					-10	4.04498	0.00212	PASS
					0	2.15648	0.00113	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					10	6.80218	0.00357	PASS
					20	3.19043	0.00167	PASS
					30	5.87815	0.00308	PASS
					40	-6.48188	-0.00340	PASS
					50	4.88324	0.00256	PASS
		10	LCH	VN	-30	2.36354	0.00127	PASS
					-20	-0.89229	-0.00048	PASS
					-10	0.49965	0.00027	PASS
					0	-0.67085	-0.00036	PASS
					10	5.66229	0.00305	PASS
					20	2.18636	0.00118	PASS
					30	0.43745	0.00024	PASS
					40	1.44585	0.00078	PASS
					50	-0.21432	-0.00012	PASS
			MCH	VN	-30	0.81697	0.00043	PASS
					-20	-7.03503	-0.00374	PASS
					-10	6.65710	0.00354	PASS
					0	6.36758	0.00339	PASS
					10	-10.04673	-0.00534	PASS
					20	7.28947	0.00388	PASS
					30	3.06910	0.00163	PASS
					40	-3.08899	-0.00164	PASS
					50	16.34761	0.00870	PASS
			HCH	VN	-30	4.13993	0.00217	PASS
					-20	2.15172	0.00113	PASS
					-10	3.96607	0.00208	PASS
					0	5.55657	0.00292	PASS
					10	3.45972	0.00182	PASS
					20	4.61225	0.00242	PASS
					30	0.70391	0.00037	PASS
					40	1.55105	0.00081	PASS
					50	5.50494	0.00289	PASS
		15	LCH	VN	-30	3.42247	0.00184	PASS
					-20	0.47422	0.00026	PASS
					-10	-1.35497	-0.00073	PASS
					0	-6.93664	-0.00373	PASS
					10	-3.28817	-0.00177	PASS
					20	1.72204	0.00093	PASS
					30	8.94877	0.00482	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					40	2.60677	0.00140	PASS
					50	-20.59050	-0.01109	PASS
			MCH	VN	-30	0.36699	0.00020	PASS
					-20	3.18625	0.00169	PASS
					-10	6.26009	0.00333	PASS
					0	-2.56664	-0.00137	PASS
					10	-7.61120	-0.00405	PASS
					20	2.32375	0.00124	PASS
					30	2.31048	0.00123	PASS
					40	-0.10234	-0.00005	PASS
					50	-4.54580	-0.00242	PASS
			HCH	VN	-30	0.02434	0.00001	PASS
					-20	3.05454	0.00161	PASS
					-10	-1.15516	-0.00061	PASS
					0	-3.56856	-0.00188	PASS
					10	-0.38249	-0.00020	PASS
					20	0.39088	0.00021	PASS
					30	0.08690	0.00005	PASS
					40	1.93630	0.00102	PASS
					50	-3.87744	-0.00204	PASS
		20	LCH	VN	-30	-4.51053	-0.00243	PASS
					-20	1.18711	0.00064	PASS
					-10	8.34209	0.00448	PASS
					0	-0.98371	-0.00053	PASS
					10	-11.37493	-0.00612	PASS
					20	1.53664	0.00083	PASS
					30	-6.81021	-0.00366	PASS
					40	-9.40597	-0.00506	PASS
					50	-7.79655	-0.00419	PASS
			MCH	VN	-30	0.56864	0.00030	PASS
					-20	-7.89313	-0.00420	PASS
					-10	-0.00907	0.00000	PASS
					0	-1.35706	-0.00072	PASS
					10	-6.23089	-0.00331	PASS
					20	-5.24242	-0.00279	PASS
					30	1.81745	0.00097	PASS
					40	-13.50505	-0.00718	PASS
					50	26.70563	0.01421	PASS
			HCH	VN	-30	0.47556	0.00025	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					-20	-1.36019	-0.00072	PASS
					-10	0.50871	0.00027	PASS
					0	-2.65877	-0.00140	PASS
					10	-0.11964	-0.00006	PASS
					20	3.85689	0.00203	PASS
					30	0.18793	0.00010	PASS
					40	0.30609	0.00016	PASS
					50	1.48937	0.00078	PASS
	LTE/TM2	1.4	LCH	VN	-30	18.26069	0.00987	PASS
					-20	-2.10773	-0.00114	PASS
					-10	-5.10738	-0.00276	PASS
					0	4.66175	0.00252	PASS
					10	12.14628	0.00656	PASS
					20	1.34736	0.00073	PASS
					30	9.39182	0.00507	PASS
					40	20.94843	0.01132	PASS
					50	1.98390	0.00107	PASS
			MCH	VN	-30	20.12208	0.01070	PASS
					-20	9.01095	0.00479	PASS
					-10	-10.60965	-0.00564	PASS
					0	-15.98296	-0.00850	PASS
					10	14.29235	0.00760	PASS
					20	17.38149	0.00925	PASS
					30	10.97499	0.00584	PASS
					40	-14.35369	-0.00763	PASS
					50	-13.75205	-0.00731	PASS
			HCH	VN	-30	4.85908	0.00254	PASS
					-20	22.14210	0.01160	PASS
					-10	-15.42412	-0.00808	PASS
					0	18.88633	0.00989	PASS
					10	12.31458	0.00645	PASS
					20	-16.45797	-0.00862	PASS
					30	-30.26604	-0.01585	PASS
					40	10.97847	0.00575	PASS
					50	6.82601	0.00358	PASS
		3	LCH	VN	-30	0.89190	0.00048	PASS
					-20	7.36659	0.00398	PASS
					-10	2.12532	0.00115	PASS
					0	9.11034	0.00492	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					10	9.58874	0.00518	PASS
					20	3.85304	0.00208	PASS
					30	8.68551	0.00469	PASS
					40	2.67981	0.00145	PASS
					50	-4.18841	-0.00226	PASS
			MCH	VN	-30	13.54345	0.00720	PASS
					-20	4.73390	0.00252	PASS
					-10	1.37544	0.00073	PASS
					0	4.19392	0.00223	PASS
					10	6.54405	0.00348	PASS
					20	-3.27731	-0.00174	PASS
					30	-8.34398	-0.00444	PASS
					40	1.97453	0.00105	PASS
					50	9.98335	0.00531	PASS
			HCH	VN	-30	-6.09006	-0.00319	PASS
					-20	8.66824	0.00454	PASS
					-10	-3.52059	-0.00184	PASS
					0	2.51901	0.00132	PASS
					10	-3.10511	-0.00163	PASS
					20	14.28417	0.00748	PASS
					30	1.64430	0.00086	PASS
					40	-1.00271	-0.00053	PASS
					50	6.71363	0.00352	PASS
		5	LCH	VN	-30	0.71637	0.00039	PASS
					-20	-0.68381	-0.00037	PASS
					-10	-7.63822	-0.00412	PASS
					0	6.55523	0.00354	PASS
					10	-2.32740	-0.00126	PASS
					20	4.38527	0.00237	PASS
					30	-8.56609	-0.00462	PASS
					40	-7.29763	-0.00394	PASS
					50	-5.25567	-0.00284	PASS
			MCH	VN	-30	1.73376	0.00092	PASS
					-20	-0.17562	-0.00009	PASS
					-10	-2.73434	-0.00145	PASS
					0	-5.70709	-0.00304	PASS
					10	1.09323	0.00058	PASS
					20	-1.54759	-0.00082	PASS
					30	-12.15989	-0.00647	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					40	5.03257	0.00268	PASS
					50	3.15550	0.00168	PASS
			HCH	VN	-30	-6.35848	-0.00333	PASS
					-20	-3.22647	-0.00169	PASS
					-10	-2.04435	-0.00107	PASS
					0	6.26456	0.00328	PASS
					10	-4.01375	-0.00210	PASS
					20	-4.10437	-0.00215	PASS
					30	9.26566	0.00486	PASS
					40	9.70490	0.00509	PASS
					50	2.71194	0.00142	PASS
		10	LCH	VN	-30	-4.06432	-0.00219	PASS
					-20	0.62865	0.00034	PASS
					-10	7.67537	0.00414	PASS
					0	1.42149	0.00077	PASS
					10	0.79362	0.00043	PASS
					20	-0.84210	-0.00045	PASS
					30	0.32510	0.00018	PASS
					40	6.70946	0.00362	PASS
					50	1.59340	0.00086	PASS
			MCH	VN	-30	-2.54179	-0.00135	PASS
					-20	6.35411	0.00338	PASS
					-10	-5.72843	-0.00305	PASS
					0	-4.11215	-0.00219	PASS
					10	-0.16687	-0.00009	PASS
					20	3.85671	0.00205	PASS
					30	5.90643	0.00314	PASS
					40	-1.19040	-0.00063	PASS
					50	17.26036	0.00918	PASS
			HCH	VN	-30	-0.13829	-0.00007	PASS
					-20	1.83337	0.00096	PASS
					-10	2.97193	0.00156	PASS
					0	5.10945	0.00268	PASS
					10	-6.66232	-0.00350	PASS
					20	-5.60562	-0.00294	PASS
					30	-0.49855	-0.00026	PASS
					40	-1.38912	-0.00073	PASS
					50	0.07842	0.00004	PASS
		15	LCH	VN	-30	3.20235	0.00172	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					-20	-6.61621	-0.00356	PASS
					-10	-1.83248	-0.00099	PASS
					0	0.49928	0.00027	PASS
					10	19.26396	0.01037	PASS
					20	4.37164	0.00235	PASS
					30	1.00286	0.00054	PASS
					40	-0.23955	-0.00013	PASS
					50	-21.82649	-0.01175	PASS
			MCH	VN	-30	-2.60823	-0.00139	PASS
					-20	2.42274	0.00129	PASS
					-10	7.70102	0.00410	PASS
					0	2.93706	0.00156	PASS
					10	9.81789	0.00522	PASS
					20	-3.61891	-0.00192	PASS
					30	0.12184	0.00006	PASS
					40	6.99549	0.00372	PASS
					50	3.21308	0.00171	PASS
			HCH	VN	-30	3.46454	0.00182	PASS
					-20	0.23901	0.00013	PASS
					-10	1.15865	0.00061	PASS
					0	-1.57307	-0.00083	PASS
					10	2.76803	0.00145	PASS
					20	-5.75607	-0.00303	PASS
					30	1.81601	0.00095	PASS
					40	-2.36515	-0.00124	PASS
					50	2.36633	0.00124	PASS
		20	LCH	VN	-30	1.12345	0.00060	PASS
					-20	0.67083	0.00036	PASS
					-10	-0.74430	-0.00040	PASS
					0	-13.85618	-0.00745	PASS
					10	11.07706	0.00596	PASS
					20	-6.82643	-0.00367	PASS
					30	-3.04214	-0.00164	PASS
					40	8.13606	0.00437	PASS
					50	-1.14506	-0.00062	PASS
			MCH	VN	-30	-1.36814	-0.00073	PASS
					-20	26.19246	0.01393	PASS
					-10	-0.44609	-0.00024	PASS
					0	10.92532	0.00581	PASS

Test Band	Test Mode	Test Bandwidth (MHz)	Test Channel	Test Volt.	Test Temp	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
					10	-24.30109	-0.01293	PASS
					20	1.11716	0.00059	PASS
					30	12.99275	0.00691	PASS
					40	6.49498	0.00345	PASS
					50	2.06601	0.00110	PASS
			HCH	VN	-30	1.38181	0.00073	PASS
					-20	3.68009	0.00194	PASS
					-10	2.92614	0.00154	PASS
					0	0.71798	0.00038	PASS
					10	-0.74887	-0.00039	PASS
					20	0.56585	0.00030	PASS
					30	-0.97923	-0.00052	PASS
					40	-0.90820	-0.00048	PASS
					50	0.43206	0.00023	PASS

END